



THE OHM TOWN NEWS

Voice of the Bridgerland Amateur Radio Club

November 2007

>>>>>> <http://www.barconline.org> <<<<<<<

President's Message

BARC Wants You!

Hopefully this title conjured an image in your mind of the popular "Uncle Sam" poster. With elections around the corner and a sparsely populated ballot, I thought such measures were appropriate. Many hands make light work, and perhaps you may be unaware of what needs and opportunities there are within the club.

BARC Board of Directors

The BARC Board of Directors consists of the club officers and two board members at large. A member in good standing is qualified to run for any position except president. To run for president you must serve in any other position on the Board of Directors for one year first.

The duties of each position are outlined in the club by-laws listed elsewhere in this newsletter. The club will be best served by motivated individuals who are able to dedicate time each month to their duties as well as a



club and board meeting.

I have enjoyed serving as Club President and will run again, but would gladly cede and serve in another position if someone else

is willing to make a better go at it. Other board members of this year and years past have expressed the same sentiment so please don't hesitate to run.

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Operations and Activities

By Erik Larson AD7OV

As amateur radio operators, we have several opportunities to offer service each year. Each of these activities offers unique challenges and rewards to those who participate. This year I worked closely with Stuart Parkinson, who is the Old Ephraim District-Boy Scout Roundtable Commissioner, to set up a fun activity for the boy scouts. Jamboree On The Air (JOTA) was held over a 50 hour period on October 19 thru 22.

The JOTA is an annual event, which is organized to coincide with the third full weekend of October each year, in which Scouts and Guides all over the world speak to each other by means of amateur radio contacts. Scout-



ing experiences are exchanged and ideas are shared, via the radio waves.

When Scouts want to meet young people from another country they usually think of attending a World Jamboree or another international gathering. But few people realize that each year about half-a-million Scouts and Guides "get together" over the airwaves for the annual Jamboree-on-the-Air (JOTA). Modern communication technology offers Scouts the exciting opportunity to make friends in other countries without even leaving home.....

Since 1958 when the first jamboree-on-the-Air was held, thousands of Scouts and Guides have "met" each other through this event. Not only is it fun to talk to Scouts from other parts of the world but it provides also a chance to find out about other countries and

(Continued on page 7)



UPCOMING ACTIVITIES 2007

Club Officers

President

Jacob Anawalt KD7YKO
president@barconline.org
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Vice President

Eric Larson KD7YKQ
vice-president@barconline.org
(435)753-2267

Secretary

Tammy Stevens N7YTO
secretary@barconline.org
(435)753-2644

Treasurer

Dave Fullmer N7RRZ
treasurer@barconline.org
(435)753-2685

Board Members

Kevin Reeve N7RXE
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ARES/RACES conference - November 3
at the Red Lion Motel in SLC.

November Club Meeting - November 10
Club Officers Elections

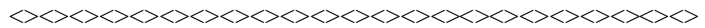
December Club Meeting - December 13
Club Christmas Party at Golden Corral
RSVP to Tammy Stevens by Nov 15

January Club Meeting - January 12

The next VE test session will be December 8.
The tests are usually held in room 407 at Old Main
on the USU Campus at 8:00 AM

BARC Club Meetings are normally on the second
Saturday of the month at 10:00 A.M. on the 3rd floor
of the Cache County Sheriffs Complex on
200 North and 1225 West, Logan, Utah

ARES Meetings are usually held on the Third
Wednesday of each month at 7 P.M. at the Cache
County Sheriffs Comple x. Contact Tyler Griffiths
for more information. (N7UWX@comcast.net)



The Listening Post

Name	Frequency	Days	Time
Notes			
VHF morning rag chew	146.720- 103.5	M-F	6:30AM
VHF evening rag chew	146.560	M-F	4-5PM
BARC Net	146.720- 103.5	T	9:00PM
Logan Storehouse ERC (W7MOY)	146.420	1&3 Sn	8:30PM
Ogden Utah North VHF (W7OGD)	145.590	2,4 T	7:15PM
SPARC Net (Sedgwick Peak)	146.800- 88.5	1 W	8:00PM
RACES VHF Net (IRLP) (even months)	147.200+ 103.5	3 Th	8:00PM
HF daily rag chew	7.228	Dy	12:00PM
High Noon Net (relaxed)	7.240	Dy	12:00PM
Beehive Utah Net (NTS)	7.272	Dy	12:30PM
HF daily rag chew	3.904	Dy	6:00PM
Ogden Utah North HF	3.993	1,3,5 T	7:15PM
RACES HF Net (odd months)	3.918	3 S	8:00AM



Answers to questions on page 8:
1-B, 2-C, 3-D, 4-A, 5-D, 6-B



Committee Chairpersons

Board members may appoint Committee chairpersons to help with various functions of the club. Chairpersons then appoint additional members to the committee. I believe that if we improve in this area the board members will have more time for their core duties and the club will be able to run smoother and accomplish more.

Here are some ideas for some committees. If you have skill or interest in helping as a committee chairperson or member of these areas or others I didn't think of, please let the Board know.

Newsletter Committee

Dale KB7UPW has been heading up the newsletter for several years now. Boyd W7MOY ran the ham profile longer than that. While perhaps not formally recognized, at least this past year, Dale has been the newsletter committee chairperson with Boyd serving as a member on that committee. Boyd tendered his resignation last spring and the committee and board has been seeking someone to step up to fill his shoes. We would love to see additional Cache Valley content in the newsletter. You will see a couple new columns in this month's newsletter and they could use committee member sponsors to help run them. The newsletter committee runs smoothest with timely membership updates from the Secretary and I think it should include a club webmaster or two to coordinate that content.

Repeater Committee

The repeater committee has been one of the better staffed groups for the few years I have been around to notice. They are repeater and VHF enthusiasts who keep not only our system running, but are also called on to help with other ham repeater sites and local agencies. Ted AC7II has been the BARC contact helping us keep in touch with our repeaters and managing the programming of functions like autodial slots. If you are interested in learning more or helping, contact him.

Other Committees

There are other committees not currently fully organized, or even non-official committee groups that would be of great value to the club as a whole. Erik AD7OV has been heading up the Tuesday Night net and could use some dedicated backup net control operators. We could do a lot better at our public relations getting information about club events and activities into the local media. Before my time in the club a group had a blast being involved in balloon launches and tracking. If you have a little time to spare each month or a few times a year, we will all benefit from your help.

The ARES E-Letter October 17, 2007 New EmComm Manager Dennis Dura, K2DCD, Speaks at Great Lakes Division Convention

On September 22, the ARRL's new Emergency Preparedness & Response Manager Dennis Dura, K2DCD, spoke at the Great Lakes Division Convention in Cleveland, Ohio. The following summary of Dura's remarks is based on the notes of attendee Walt Heeney, N8LJM.

Dura announced that the Statement of Understanding with the American Red Cross is currently in negotiation, with staff members from ARRL and ARC having already met once for discussion. A major issue is the Red Cross background check requirement. The ARC has said it values ARES contributions, and ARRL certainly wants to continue to support the ARC. The Red Cross has suggested that ARRL conduct its own criminal background checks, but that is not a mission the League will take on. Additionally, becoming an ARES member does not require League membership which would complicate this further. ARRL recognizes background checks are necessities, but feels that only a criminal check is warranted.

A new ARRL EmComm course on-line will focus on digital modes, starting about the first of the year.

Turning to the issue of resource typing, Dura said that using the Department of Homeland Security (DHS) NIMS, the ARRL will be defining types of radio assets needed for emcomm activity. Also to assist the field, "best practices" utilized by various ARES groups will be highlighted and applied across the Nation as appropriate. There is no reason he said, to reinvent the wheel. Dura explained the difference between "IDs" and "Credentials": IDs show who you are, while credentials provide your capabilities, training, education and authorizations. Emergency response agencies are looking for both. Ultimately, IDs will include credentials, which will determine who can serve where in and around the disaster area.

Integration of various emcomm entities is a goal. Mutual aid will improve with closer ties among ARES, RACES, SKY-WARN, and with counties, states and other levels of emergency management, Dura said.

DHS has formed a new unit devoted to emcomm functions. This unit should be stood up with staffing before the end of the year according to sources.

Watch for more spontaneous ARES drills. Dura activated one over the Labor Day weekend to test responses. There will be more top down spontaneous drills to test readiness and participation.

The staff at ARRL is considering moving the dates of the venerable Simulated Emergency Test (SET) with the likelihood of having regional, and potentially national SETS. These regional SETS will be based upon the hazards and risks inherent to the locale.

For his presentation, Dura was wearing a Blackberry (telephone, e-mail, SMS, IM) and a Skytel 2 way pager, and a H-T. He said that ARES members should not rely on ham radio alone to maintain a heightened level of situational awareness. Emergency communicators must be able to use multiple tools so they can use what works best at a particular scene. Dura's final comment was that the days are almost over when ARES will accept volunteers who say "call me if you need me," but fail to be trained, attend meetings and participate in drills. [Thanks to Walt Heeney, N8LJM, for this report]

Proxy (Absentee) Ballot and List of Candidates

For year 2008 Officers and Board
Of the Bridgerland Amateur Radio Club

Voting held on Saturday November 10th, 2007 at 10:00 A.M.
On the 3rd floor in the Cache County Sheriffs Complex on
200 North and 1225 West, Logan, Utah

Important Instructions: *If you are unable to attend the above meeting and wish to vote you may mail this ballot to any club officer in time to be in their hands before the meeting time noted above, or, you may seal the ballot in an envelope and send it with someone to be handed to a club officer at the meeting. If you need help, please contact any club officer.*

You need to be a current member of BARC to vote

For President	
<ul style="list-style-type: none">• Jacob Anawalt KD7YKO	
<ul style="list-style-type: none">•	

For Vice President	
<ul style="list-style-type: none">• Eric Larson AD7OV	
<ul style="list-style-type: none">•	

For Secretary	
<ul style="list-style-type: none">• Tammy Stevens N7YTO	
<ul style="list-style-type: none">•	

For Treasurer	
<ul style="list-style-type: none">• Kevin Reeve N7RXE	
<ul style="list-style-type: none">•	

For members of the board (Vote for two)	
<ul style="list-style-type: none">•	
<ul style="list-style-type: none">•	
<ul style="list-style-type: none">•	
<ul style="list-style-type: none">•	
<ul style="list-style-type: none">•	

You **MUST** get approval from a write-in candidate before submitting their name for office.
Additional nominations will be accepted from the floor at the meeting, with the approval of the nominee. Ballot can be mailed to BARC P.O. Box 111 Providence Utah 84332. It must reach the post office box by November 9th. Send in your ballot or come in person.
If mailed please put your name on the mailing envelope only.

BYLAWS
BRIDGERLAND AMATEUR RADIO CLUB, INC

Article I – NAME

Section 1. The name of this organization shall be THE BRIDGERLAND RADIO CLUB, INC.

Article II – PURPOSE

Section 1. The purpose of this organization shall be to unite radio amateurs in fellowship, to aid those not licensed in learning code and theory, and to provide service to the community especially in times of emergency.

Article III – MEMBERSHIP

Section 1. All persons having a bonafide interest in amateur radio, whether licensed or not, shall be eligible for membership.

Section 2. Application for membership shall be submitted to a club Officer. A member charged with conduct unbecoming a member of this Club may be expelled by a (2/3) majority vote of the members if the Board of Directors (Board) has found the charges are sustained by its investigations. An expelled member may not reapply for membership unless approved by the Board.

Section 3. A member shall be defined as one who has submitted an application for membership and paid the appropriate dues.

Article IV – OFFICERS AND BOARD

Section 1. There shall be a Board of Directors which shall consist of the Officers, the immediate past President and two at large Board Members.

Section 2. The Officers of the club shall be: President, Vice-President, Secretary, and Treasurer.

Section 3. All Officers and Board members shall be members of the club in good standing.

Section 4. Any person elected to the office of President shall have served at least one year as Officer or Board member of the club, whether before or after incorporation.

Section 5. The immediate past president shall serve the subsequent year as a member of the Board.

Section 6. Committee chairpersons of the various

committees required shall be appointed by the Board. Additional members of said committees shall be appointed by the committee chairperson.

Article V – ELECTIONS

Section 1. The Officers and Board members of the club shall be elected for the term of one (1) year and until such time as their successors shall have been elected and take office. Newly elected Officers and Board members shall take office the first day of January of the next year.

Section 2. The President shall appoint a nominating committee of three (3) members, at least one (1) of whom shall be a member of the Board. They will present their list of nominations by notification as specified in Article XII Section 6.

Section 3. Election of Officers and Board members shall be held at the November Club meeting. Nominations will be accepted from the floor. Those receiving the largest number of votes shall be elected.

Section 4. Vacancies occurring between elections must be filled by a special election at a general meeting after which the withdrawal or resignation is made known. Nominations for replacement shall be made by the Board. Nominations shall also be accepted from the floor. Voting shall be conducted per Article XII and the person receiving the largest number of votes will be the new Officer. The newly elected Officer shall take office immediately.

Section 5. Officers and Board members may be removed by a petition signed by at least ten (10) members and upheld by a ¾ majority vote.

Article VI – DUTIES OF THE BOARD AND OFFICERS

Section 1. The Board shall be the governing body of the Club and as such shall formulate and be responsible for all matters of policy. Decisions of the Board shall be reached upon majority vote; and thereupon the President shall execute the decisions so made or the policies so formed.

Section 2. The newly elected President shall call an organizational meeting of the old and new Officers and Board members within 30 days of the election meeting.

Section 3. The President shall preside at all meetings of this Club; shall enforce due observance of the by-laws; shall decide all questions of order; shall sign all official documents that are adopted by the Club; and shall perform all customary duties pertaining to the office of President.

Section 4. The Vice-President shall possess all the powers and assume all duties of the President in the event of the

absence, disability, refusal, or failure to act, of the President. The Vice-President shall further assist the President in all functions of that office and shall perform such other duties as are properly assigned by the Board.

Section 5. The Secretary shall countersign all deeds, leases, and conveyances executed by the corporation; shall keep a record of all proceedings of all meetings; keep a roll of members and the current status of these members; shall keep a roll of members present at meetings; accept applications for membership; keep a copy of the Articles of Incorporation and By-laws present at all meetings; carry on all correspondence; read communications received at each regular meeting, and give notice of all meetings.

Section 6. The Treasurer shall receive and disburse all club funds, including dues from members; shall keep an accurate record of all such transactions; and shall give a financial report to the Board and members upon request.

Article VII – MEETINGS

Section 1. There shall be a general Club meeting held monthly. This meeting schedule may be changed, subject to a decision by the Board.

Section 2. Special meetings of the members may be called at any time by the President, provided the entire Club membership is notified in writing of such special meeting ten (10) days prior to the meeting. Notification may be done per Article XII, Section 6. The President shall be required to call a special meeting upon receipt of a written request signed by ten (10) or more members.

Section 3. The Board shall meet in a general or special meeting in order to transact business. The Board shall normally meet once a month. All meetings of the Board shall require ten (10) days notice to the Board members.

Section 4. All meetings of the Board shall be open to all Club members.

Article VIII – DUES

Section 1. The annual dues will be recommended by the Board and approved by the members. The dues year shall be January 1 to December 31. Pro-rated dues will only apply to new licensees or those new in the area. The Board has the authority to accept dues paid from any valuable consideration.

Article IX – AMENDMENTS

Section 1. The by-laws may be amended by a two-thirds (2/3) majority vote at a general meeting, providing that

members shall have been notified per Article XII, Section 6. Proposals for amendments shall be submitted in writing to a Club Officer.

Article X – RULES

Section 1. Roberts's rules of Order shall govern all proceedings of this Club.

Article XI – BUDGET AND REPORTING

Section 1. The Board shall give an annual report to the members on the activities of the Club with a financial report including the receipt and disbursement of Club funds. The Board shall present an annual budget after receiving input from committee members and members at large. The members shall vote upon said budget within the guidelines of said budget. A vote of the members will not have to be given again unless the budget is changed materially or exceeded in total.

Article XII – VOTING

Section 1. Only members in good standing shall be entitled to vote.

Section 2. All voting shall be by majority vote of the members present, unless specially stated otherwise in these articles.

Section 3. Voting for the election of the Board and Officers; expulsion of a member; Board member or Officer, adoption or amendments of the By-laws; approval of the annual budget and dues; and other issues as designated by the Board shall be conducted as stated below in Section 4 through 6.

Section 4. Voting on matters specified in Section 3 of this Article shall be by secret ballot of members in attendance and by members Proxies.

Section 5. A Proxy shall be included with the notification as specified in Section 6 below. Proxies may be given to a Club Officer or any other member by mail or in person. Proxies may be specific or general. The form of the proxies, ballots and balloting procedures shall be determined by the Board.

Section 6. Notification to members of the subject matter of any vote to be taken shall be by publication in the OHM TOWN NEWS the issue prior to the meeting in which the voting is to be done. The notification shall include the time, date and place of the meeting in which the vote will be taken. The notification shall be mailed no later than ten (10) days prior to the scheduled meeting date.

(Operations and Activities Continued from page 1)

about Scouting elsewhere. Many contacts made during the JOTA have resulted in pen pals and links between scout troops that have lasted for many years.

With no restrictions on age, on the number that can participate and at little or no expense, the JOTA provides an opportunity for Scouts and Guides to contact each other by amateur radio. The radio stations are operated by licensed amateur radio operators. Many Scouts and leaders hold licenses and have their own stations, but the majority participates in the JOTA through stations operated by local radio clubs and individual radio amateurs. Today some operators even use television or computer linked communications.

In order to provide a positive experience for the participating scouts, we began planning for the event in August. Stuart and I communicated by email about the various aspects of JOTA and what we would do this year for the scouts. We finally decided to teach the radio merit badge in a workshop style, with amateurs teaching each aspect of the badge for about 10 to 15 minute sessions. There are 6 requirements of the merit badge that would need to be covered in this fashion, and then the final two requirements, talking on the radio and visiting an approved radio installation, were given to each scout as they would talk on the radios. We decided that it would be nice to run 2 HF radios, so that we could get the scouts on the air in an effective manner.

As the time approached for JOTA, I announced the service opportunity in club meetings and on the weekly nets. In the end, four people volunteered to help with JOTA: Erik Larson (AD7OV), Heather Larson (AD7OW), Jacob Anawalt (KD7YKO), Keith Thompson (AC7ZJ). I didn't have enough volunteers to run the various workshops I had intended to, so we compiled those all into a single informational workshop that was presented by Keith Thompson. Jacob Anawalt and myself provided HF radio communications and had our HF radios set up at the scout office for the boys to use.

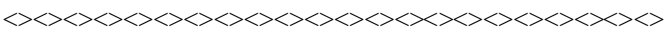
When the day finally arrived, I went over to the scout office at 4pm on Friday evening to set up antennas. Jim Lofthouse (K7OA) had generously brought 2 of the clubs masts and several lengths of feedline over to the scout office for me earlier in the day, and I set to work erecting those two masts with a dual band dipole on one, and a G5RV on the other. Stuart, myself, and a scout leader who happened to be leaving the building at the time stood the first mast up around a quarter to five, and then Keith Thompson helped us with the second one about 5:30. By 6:30 we had the antennas up and the feedlines run for two HF stations.

I was surprised and a little overwhelmed by the participation from the scouts on Friday night. We had expected since that session was so late in the evening (from 9:30 to midnight) that we would have few participants and more would wait for the Saturday morning session (6 to 10 am). We could not have been more wrong. Friday night we had about 60 scouts show up to participate. We worked in 30 minute shifts having groups of boys at each of the HF radio stations and at the informational station. When it came time to make contacts, however, there weren't many stations around to answer our calls for CQ on the HF bands and we resorted to using VHF handhelds to have scouts talk to each other from across the room that night. Saturday morning surprised us again, as we had expected it to be bigger than the previous night, and it was much smaller. Only 20 boys showed up on Saturday morning, and this made it a more relaxed atmosphere allowing more time to work with each group and teach them the concepts in the merit badge, as well as giving them ample opportunity on the radios. Saturday morning our HF radios paid off, as we had several contacts in California, Nevada, Montana, and one from Wisconsin.

The boys were really impressed with the radios and several expressed interest in learning more about it. In all, we had 20 scouts complete all requirements and earn their radio merit badge during the JOTA event, and every boy that came managed to complete 2 of the 8 requirements, several of them have contacted me afterward to complete it. We had a great time with the scouts, and Stuart is already beginning to plan for next year's event, which he thinks will see even more participation from the scouting community. Michael Gordon, one of the scout leaders that was participating in JOTA, is also a licensed amateur (WB7NTU) and took several pictures during the event. His pictures can be viewed at: <http://www.oldephraim.org/200710jotajoti/index.htm>

AD7OV

Erik Larson



The Trading Post

- 3 element Cushcraft A503S six meter yagi in great condition for \$60 Don N5LZ; n5lz@comcast.net or call at (435)752-2190
- Force 12 C4SXL 8 element multi monoband yagi without traps, and has two elements on 10, 15, 20 and 40 meters with two feedpoints (one for 10-15-20 and another for 40), and also tunes for operation on 12 and 17 meters. It was cleaned and refurbished in September 2004. Current retail price for this antenna is \$1349 .. I paid \$899 in '98... I'm asking \$300. Don N5LZ; n5lz@comcast.net or call at (435)752-2190

Questions for Technician License

1. (T1A07) Who makes and enforces the rules for the Amateur Radio Service in the United States?
 - A. The Congress of the United States
 - B. The Federal Communications Commission
 - C. The Volunteer Examiner Coordinators
 - D. The Federal Bureau of Investigation
2. (T2B07) What is a permissible way to identify your station when you are speaking to another amateur operator using a language other than English?
 - A. You must identify using the official version of the foreign language
 - B. Identification is not required when using other languages
 - C. You must identify using the English language
 - D. You must identify using phonetics
3. (T3C05) Why is indecent and obscene language prohibited in the Amateur Service?
 - A. Because it is offensive to some individuals
 - B. Because young children may intercept amateur communications with readily available receiving equipment
 - C. Because such language is specifically prohibited by FCC Rules
 - D. All of these choices are correct
4. (T4D07) What is the voltage across the resistor if a current of 0.5 amperes flows through a 2 ohm resistor?
 - A. 1 volt
 - B. 0.25 volts
 - C. 2.5 volts
 - D. 1.5 volts
5. (T5D12) What might be the problem if you receive a report that your signal through the repeater is distorted or weak?
 - A. Your transmitter may be slightly off frequency
 - B. Your batteries may be running low
 - C. You could be in a bad location
 - D. All of these answers are correct
6. (T8A11) What type of communications has priority at all times in the Amateur Radio Service?
 - A. Repeater communications
 - B. Emergency communications
 - C. Simplex communications
 - D. Third-party communications

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PO BOX 111
PROVIDENCE, UT 84332**

November, 2007

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